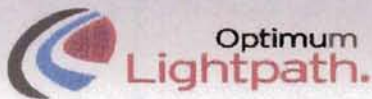


INTERACTIVE NETWORK MAP

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Optimum Lightpath Metro Ethernet Technology

Since 2005 Optimum Lightpath has offered advanced Metro Ethernet services to businesses throughout the tri-state area. The most cost effective of all solutions, Metro Ethernet enables customers to increase bandwidth dynamically without requiring customers to purchase or install new equipment.

With Optimum Lightpath Metro Ethernet Service, your business can obtain cost effective, high bandwidth connections among multiple sites. This results in **lower training, installation and operational costs** – all with reliability and quality of service.

Metro Ethernet Benefits

- **Dedicated bandwidth:** Receive all the bandwidth you need, when you need it, with speeds available from 10 to 1000 Mbps
- **Unsurpassed reliability:** Self-healing fiber ring topology protects your critical data and provides best-in-class network availability and resiliency
- **Easy scalability:** Substantial capacity at the point of installation to meet your current and future data needs
- **Valuable security:** All customer traffic is protected and segmented



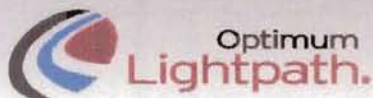
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The Network

Optimum Lightpath has invested more than \$1 billion to build the nation's most advanced fiber optic network. The 100% fiber optic network enables us to deliver sophisticated voice, data, Internet and video services to business customers in the world's most competitive marketplace.

Metro Ethernet Benefits

- A core that is Dense Wave Division Multiplexing (DWDM), bandwidth-rich, flexible and protocol agnostic, using Multi-Protocol Label Switching (MPLS).
- Regional distribution rings that blend wave division multiplexing technologies with survivability options, ensuring reliable connectivity and uninterrupted service.
- Fiber access rings that feed directly into a network node at the customer's location to support a number of technologies and ensure the highest levels of reliability.
- With this robust physical network, comprised of over 3,800 route miles (201,000 fiber miles), we are able to offer customers fully managed and hosted services that enable greater functionality and control.

[Click here to view the network map](#)

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Optimum Lightpath
Network Map

NETWORK FACTS

- 100 % Fully Fiber Optic Throughout
- Over 3,500 Lit Buildings
- Over 3,800 route miles
- Over 201,000 fiber miles

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Optimum Lightpath E-LAN

CONNECTING YOUR LOCATIONS IS SIMPLE

Optimum Lightpath E-LAN provides a cost-effective and flexible solution to integrate all of your locations. All with the added security and reliability of Ethernet service.

INCREASE PRODUCTIVITY AND LOWER OPERATIONAL COST

With Optimum Lightpath E-LAN, your business gets Layer 2, any-to-any connectivity via a single Ethernet port. This allows your business to share information across three or more locations without purchasing multiple point-to-point services or having to replicate and resend data.

SOLUTIONS BASED BENEFITS

- Best service for multipoint networks needing guaranteed bandwidth
- Adding new locations is a simple plug and play connection
- Similar to E-Line, all connections are transparent
- Dynamically manage applications over a single physical connection
- Reduce management overhead with carrier switching
- Optical handoff available for all speeds (optional)
- Secure Layer 2 service scales effortlessly from 10 Mbps to 1,000 Mbps

EXPERIENCE THE EASE OF METRO ETHERNET AND THE POWER OF OUR 100% FIBER-OPTIC NETWORK

- **Unsurpassed reliability** - Our self-healing fiber ring topology protects your critical data and provides superior network availability and resiliency.
- **Easy scalability** - We ensure enough capacity at the point of installation to meet your current and future data needs. As your business grows, a simple software change is all it takes to upgrade with little or no downtime.
- **Valuable security** - We protect and segment all customer traffic on our network.
- **True simplicity** - Our flat-rate pricing, seamless installation, predictable billing, award-winning Customer Care and ongoing savings of up to 50% make it easier to manage your network and your budget.

Leverage the power of the nation's most advanced fiber-optic network with:



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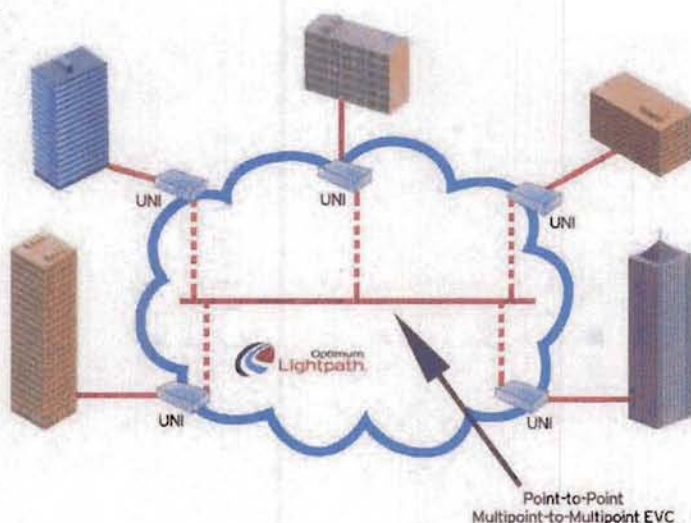


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E-LAN



Optimum Lightpath E-LAN Technical Features

User Network Interface (UNI)

Physical Interface	RJ45, SX-MM, LX-SM (802.3 IEEE) Interface)
Interface Speed	10Mbps, 100Mbps, 1000Mbps
Mode	Full Duplex

Ethernet Virtual Connections (EVC)

Contracted Bandwidth (CIR)	10, 20, 50, 100, 150, 300, 1,000 Mbps
Customer Edge VLAN (CE-VLAN)	Q in Q or port mapped
Frame Delivery	Unicast (Conditional & Unconditional); Multicast (Conditional); Broadcast (Conditional)
Frame Size	1,518 bytes - 1,570 bytes

Supported Protocols, Performance Attributes

Protocols Supported:	Ethernet IEEE 802.1p/q/Q, MPLS, IP, and TCP/IP
Certifications, Standards	MEF 9, MEF 14, ITU

Performance Attributes:

Network Availability	99.99%
Latency	10ms
Frame Delivery	99.95%
Jitter	+/- 1%
Resiliency	< 50ms Fail Over

* All customer locations must be within Optimum Lightpath footprint. Savings based on 3 year contract.

Transform the way
you do business with
Optimum Lightpath

Improve and simplify business processes

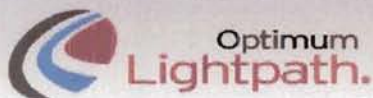
- The technology you need to transform the way you work
- True network diversity ensures your business is always up and running
- Power your business applications with faster, more reliable Ethernet-based services on our secure, 100% fiber-optic network

Improve customer service

- Optimum Lightpath provides award-winning support 24/7
- Empowering employees to be productive
- Connect to your customers anywhere, anytime on the fastest, most secure network

Control costs

- Best-in-class data and Internet service at up to 50% less
- Monthly savings on voice costs
- Hassle-free, flat-rate pricing and simplified billing



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Optimum Lightpath E-LAN

Optimum Lightpath E-LAN is a Layer 2 multipoint-to-multipoint service, utilizing a single shared Ethernet Virtual Connection (EVC) to transmit information across three or more locations. E-LAN is ideal for organizations that require any to any communications between their locations.

Benefits:

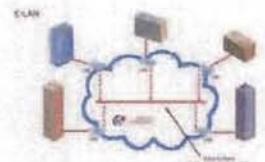
- Allows customer to **share information across locations** without having to purchase multiple point-to-point services
- One EVC allows for bandwidth sharing between E-LAN locations
- Eliminates the need for customers to switch traffic through corporate LAN
- Eliminates the need to manage multiple EVC's and ports
- Customer's **data can be received at one or more locations** without having to replicate and resend data
- Flexible bandwidth options of 10 to 1000M

Common applications:

- Dispersing common information to all locations (broadcast, video)
- Distance Learning
- Streaming Data
- Video Conferencing
- Business Continuity and Support of Multiple Data Centers

Resources

- [Customer Testimonial](#)
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- [E-LAN Brochure](#)



Optimum Lightpath E-Lan
Service Diagram

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Optimum Lightpath E-Line

A HIGH PERFORMANCE CONNECTION TO RELIABILITY

Optimum Lightpath E-Line gives your business the benefits of traditional private lines with the flexibility and scalability of Metro Ethernet all for one flat-rate price.

REDUCE COSTS AND INCREASE DATA CAPABILITIES

Optimum Lightpath E-Line gives your business Layer 2, point-to-point connectivity between two locations over a single scalable Ethernet connection. E-Line offers customers high bandwidth connectivity at a price point well below traditional TDM services, and supports your ever-changing business requirements over a single, scalable Ethernet connection.

SOLUTIONS BASED BENEFITS

- Simplified, plug and play connectivity to your premise equipment
- Security of Ethernet Virtual Connections
- 4-fiber protection
- Sub 50 millisecond resiliency
- Optical handoff available for all speeds (optional)
- Dedicated bandwidth from 10 Mbps to 1,000 Mbps
- Simple, flat-rate pricing

EXPERIENCE THE EASE OF METRO ETHERNET AND THE POWER OF OUR 100% FIBER-OPTIC NETWORK

- **Unsurpassed reliability** - Our self-healing fiber ring topology protects your critical data and provides superior network availability and resiliency.
- **Easy scalability** - We ensure enough capacity at the point of installation to meet your current and future data needs. As your business grows, a simple software change is all it takes to upgrade with little or no downtime.
- **Valuable security** - We protect and segment all customer traffic on our network.
- **True simplicity** - Our flat-rate pricing, seamless installation, predictable billing, award-winning Customer Care and ongoing savings of up to 50% make it easier to manage your network and your budget.

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E-Line



Optimum Lightpath E-Line Technical Features

User Network Interface (UNI)

Physical Interface:	RJ45, SFP - SX-MM, LX-SM (802.3 IEEE)
Interface Speed UNI:	10Mbps, 100Mbps, 1000Mbps
Interface Speed NNI:	1000Mbps,
Mode:	Full Duplex

Ethernet Virtual Connections (EVC)

Contracted Bandwidth (CIR):	10, 20, 50, 100, 150, 300, 500, 1000Mbps
Customer Edge VLAN (CE-VLAN):	Customer VLAN Tag Maps to Carrier Tag
Unconditional Frame Delivery:	Unicast, Multicast, Broadcast

Supported Protocols, Performance Attributes

Protocols Supported:	Ethernet IEEE 802.1p/q/Q, MPLS, IP, and TCP/IP
Certifications, Standards:	MEF 9, MEF 14, ITU

Performance Attributes:

Network Availability:	99.99%
Latency:	10ms
Frame Delivery:	99.95%
Jitter:	+/- 1%
Resiliency:	< 50ms Fail Over

* All customer locations must be within Optimum Lightpath footprint. Savings based on 3 year contract.

Transform the way you do business with Optimum Lightpath

Improve and simplify business processes

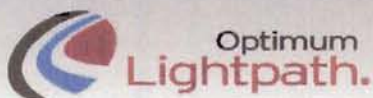
- The technology you need to transform the way you work
- True network diversity ensures your business is always up and running
- Power your business applications with faster, more reliable Ethernet-based services on our secure, 100% fiber-optic network

Improve customer service

- Optimum Lightpath provides award-winning support 24/7
- Empowering employees to be productive
- Connect to your customers anywhere, anytime on the fastest, most secure network

Control costs

- Best-in-class data and Internet service at up to 50% less
- Monthly savings on voice costs
- Hassle-free, flat-rate pricing and simplified billing



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Optimum Lightpath E-Line

Optimum Lightpath E-Line is a Layer 2, **dedicated point-to-point service**, designed for organizations who have single, or multiple applications that do not require a pre-set amount of bandwidth. E-line is perfect for organizations requiring physical separation of applications.

Benefits:

- Contracted bandwidth dedicated for customer data between two locations
- Ethernet Virtual Connection (EVC) may be used for multiple applications, allowing the customer to manage VLAN traffic
- Security and privacy of traditional private line services
- Flexible bandwidth options of 10 to 1000M

Common applications:

- LAN to LAN connectivity
- Offsite storage
- Medical Imaging
- Distance Learning
- Business continuity and disaster recovery solutions

Resources

- [Customer Testimonial](#)
- [Media Center](#)
- [E-Line Brochure](#)

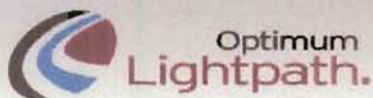


Optimum Lightpath E-Line
Point to Point Diagram

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Optimum Lightpath Internet

Optimum Lightpath's dedicated Internet service is delivered over our 100% fiber optic, metro Ethernet network. The **all-inclusive, dedicated Internet** package is scalable to grow with your networking requirements and sized to fit your company's Internet connectivity needs.

Benefits:

- Utilizes multiple peering arrangements to the Internet backbone
- Managed routing and security options available
- Scalable bandwidth options of 5 to 1,000 Mbps
- Packages include email, IP allocation, DNS

Common Applications:

- E-commerce
- Sales/Marketing
- Web Presence
- Research

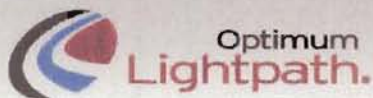
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Optimum Lightpath Optical Transport Services

Optimum Lightpath Optical Transport Services (OTS) offers a portfolio of high-speed transport services delivered over Wave Division Multiplexing technology (WDM). OTS supports protocols and applications that require physical layer security that are highly sensitive to delay, jitter, and response time.

Benefits:

- **Low latency and high availability**
- Increased flexibility: supporting industry-standard optical protocols
- Point-to-point physical layer optical connections ensure your **data is secure and protected**
- Simple, flat-rate pricing with no mileage charges or hidden fees

Common applications:

- Data Replication
- Disk Mirroring
- Data Backup & Archiving
- SAN Extension
- Production Environment Failover
- Trading & financial application
- Delay sensitive media application

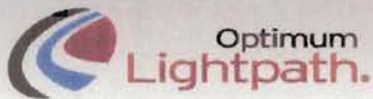
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Optimum Lightpath Virtual Private Ring Service

Optimum Lightpath VPRS is a fully resilient, **dedicated access ring** that interconnects a minimum of **three customer locations**. Customers choose the size of the port for each location, and can blend dedicated E-LAN, E-Line, V-Line, and Virtual Multipoint Service (VMS) services to each location.

Benefits:

- Allows for greater bandwidth flexibility
- Customer can alter the virtual connections as their business needs change
- Committed Information Rates (CIR) of 1 to 1,000 Mbps
- Excess Information Rate (EIR) of 0 to 1,000 Mbps
- Customers are charged a flat fee per location
- Customer can blend any Metro Ethernet services across their UNI and EVC inventory up to the bandwidth level assigned to the location

Common applications:

- Medical Imaging
- Distance Learning
- Conducting financial transactions

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Optimum Lightpath V-Line

MAXIMIZE AND IMPROVE INTERFACE EFFICIENCY

With Optimum Lightpath V-Line, your business gets Layer 2 point-to-point connectivity between your locations; while receiving the flexibility to support multiple applications via a single multiplexed port.

REDUCE COSTS AND INCREASE DATA CAPABILITIES

Optimum Lightpath V-Line reduces your costs by lowering overhead associated with managing multiple ports on your network. V-Line allows you to support multiple applications over a single interface and extends the shelf life of your investment by leveraging your existing equipment ports.

SOLUTIONS BASED BENEFITS

- Simplified, single connection to your premise equipment
- Security of Ethernet Virtual Connections
- 4-fiber protection
- Sub 50 millisecond resiliency
- Optical handoff available for all speeds (optional)
- Dedicated bandwidth from 10 Mbps to 1,000 Mbps

EXPERIENCE THE EASE OF METRO ETHERNET AND OUR 100% FIBER-OPTIC NETWORK

- **Unsurpassed reliability** - Our self-healing fiber ring topology protects your critical data and provides superior network availability and resiliency.
- **Easy scalability** - We ensure enough capacity at the point of installation to meet your current and future data needs. As your business grows, a simple software change is all it takes to upgrade with little or no downtime.
- **Valuable security** - We protect and segment all customer traffic on our network.
- **True simplicity** - Our flat-rate pricing, seamless installation, predictable billing, award-winning Customer Care and ongoing savings of up to 50% make it easier to manage your network and your budget.

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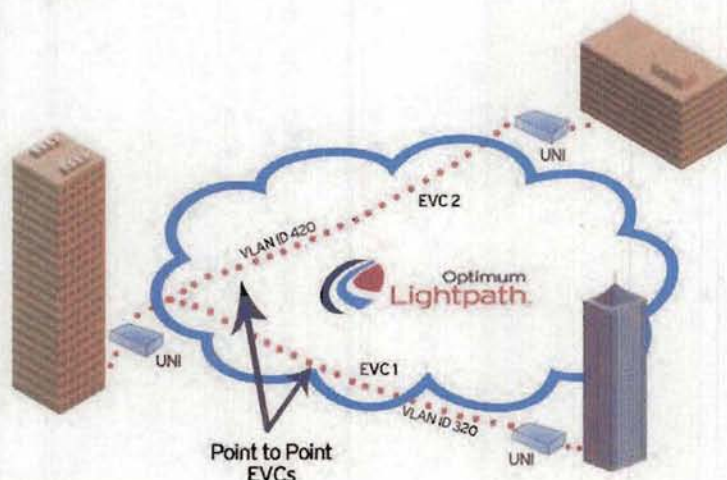
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V-Line



Optimum Lightpath V-Line Technical Features

User Network Interface (UNI)

Physical Interface:	RJ45, SFP - SX-MM, LX-SM (802.3 IEEE)
Interface Speed UNI:	10Mbps, 100Mbps, 1000Mbps
Interface Speed NNI:	1000Mbps,
Mode:	Full Duplex
Max EVCs per:	4,094

Ethernet Virtual Connections (EVC)

Contracted Bandwidth (CIR):	10, 20, 50, 100, 150, 300, 1000Mbps
Customer Edge VLAN (CE-VLAN):	Customer VLAN Tag Maps to Carrier Tag
Unconditional Frame Delivery:	Unicast, Multicast, Broadcast

Supported Protocols, Performance Attributes

Protocols Supported:	Ethernet IEEE 802.1p/q/Q, MPLS, IP, and TCP/IP
Certifications, Standards:	MEF 9, MEF 14, ITU

Performance Attributes:

Network Availability:	99.99%
Latency:	10ms
Frame Delivery:	99.95%
Jitter:	+/- 1%
Resiliency:	< 50ms Fail Over

* All customer locations must be within Optimum Lightpath footprint. Savings based on 3 year contract.

Transform the way you do business with Optimum Lightpath

Improve and simplify business processes

- The technology you need to transform the way you work
- True network diversity ensures your business is always up and running
- Power your business applications with faster, more reliable Ethernet-based services on our secure, 100% fiber-optic network

Improve customer service

- Optimum Lightpath provides award-winning support 24/7
- Empowering employees to be productive
- Connect to your customers anywhere, anytime on the fastest, most secure network

Control costs

- Best-in-class data and Internet service at up to 50% less
- Monthly savings on voice costs
- Hassle-free, flat-rate pricing and simplified billing



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Optimum Lightpath V-Line

Optimum Lightpath V-Line is a Layer 2 point-to-point service, utilizing a single Ethernet Virtual Connection (EVC) to transmit information between locations. V-Line allows you to terminate multiple connections onto a single multiplexed port.

Benefits:

- Ability to **share a single port at one location** to terminate multiple network connections, minimizing the capital expense for additional equipment and rack space
- Each EVC is a secure, **dedicated point-to-point connection**
- Optimum Lightpath will manage locations with multiple V-Lines
- Multiple EVCs can be multiplexed over a single Network Interface (UNI) up to the contracted bandwidth assigned to the UNI
- Flexible bandwidth options of 10 to 1000M

Common applications:

- LAN to LAN connectivity
- Offsite storage
- Medical Imaging
- Distance Learning

Resources

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- [V-Line Brochure](#)



Optimum Lightpath
V-Line Diagram

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Business Ethernet Service



Ethernet Network Service

Provides seamless connectivity for organizations with many locations and high data traffic.



Ethernet Dedicated Internet

Our Ethernet-based Internet service is highly scalable - adding bandwidth is a breeze.



Ethernet Private Line

Connect offices and remote sites with a point-to-point Ethernet configuration.

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For 24x7 technical support
(866) 262-7300

Check Ethernet Availability

Call 866-511-6489 and press option 1 to speak to a customer service representative and they will contact your Account Manager.

Your Account Manager will explain availability of Ethernet service for your specific business locations, as well as applications that can improve your data communications and productivity.

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Ethernet Dedicated Internet

Turn the Internet into a responsive business machine.

Comcast's extensive fiber network provides a reliable and highly scalable Internet connection. Plus, our Ethernet interface offers true plug-and-play compatibility with your LAN.

Ethernet Dedicated Internet has many benefits for your business, including:

Ease of Use

Connect your network directly to the Internet with an Ethernet interface and have the ability to quickly and easily add additional bandwidth without the delays of ordering new circuits, upgrading capacity, or purchasing new equipment. Easily integrates with Comcast's Ethernet Network Service to provide Internet access to all your locations.

High Availability

Minimize interruptions and keep your business running smoothly. Comcast monitors and supports your Internet service 24/7 through our Customer Management Center.

Optimized ROI

Reduce operating and maintenance costs with lower capital and operational requirements for Internet access. Provision only the capacity you need today and easily scale your bandwidth when your business demands it.

Minimized Risk

Deliver high-speed Internet access to your internal customers on-time and on-budget. Comcast handles everything from initial network design to ongoing maintenance and support for a fixed price

Advanced Dedicated Internet Features

- **Tailored Bandwidth:** Symmetrical dedicated Internet bandwidth configurable from 10 Mbps to 1 Gbps in 1 Mbps increments
- **Domain Name System:** Includes primary and secondary DNS service. Assistance provided to transfer existing domain names
- **BGP Routing Protocol (optional):** Supports multihoming with load balancing for faster, more efficient routing between networks
- **Web-Based Reporting:** Connectivity statistics with daily, seven-day, and 30-day reports viewed through our secure Web portal

The bandwidth you need, right where you need it.

Call 1-866-511-6489 and press option 1 to speak with an Account Manager

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For questions or ordering
(866) 511-6489 option 1

For 24x7 technical support
(866) 262-7300

Check Ethernet Availability

Call 866-511-6489 and press option 1 to speak to a customer service representative and they will contact your Account Manager.

Your Account Manager will explain availability of Ethernet service for your specific business locations, as well as applications that can improve your data communications and productivity.

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Ethernet Network

Enterprise Network Solutions

Stay connected while also staying on budget.

A custom Ethernet network from Comcast allows you to seamlessly link multiple locations together and exchange data at up to 1 gigabit per second.

Ethernet Network Service has many benefits for your business, including:**Security**

Bypass the public Internet. Transfer data safely and securely over Comcast's own private network, where your traffic is masked with a unique customer ID.

Enhanced User Experience

Improve response times of bandwidth-intensive applications or enable new applications including ERP, supply chain management, data archiving, rich media services, medical image transfers, and VoIP.

Ease of Use

Connect your local area networks (LAN) without additional wide area network (WAN) equipment to purchase.

High Availability

Minimize interruptions and keep your business running smoothly. We monitor and support your network 24/7 through our Customer Management Center.

Optimized ROI

Reduce operating and maintenance costs with less equipment to support. We take care of implementing technology upgrades while you focus on your core business.

Minimized Risk

Deliver networking capabilities to your internal customers on-time and on-budget. We handle everything from network design to maintenance and support for a fixed price.

Advanced Ethernet Features

- **Any-to-Any Connectivity:** Any site can send traffic to any other site within your network through a single Ethernet interface
- **Class of Service Aware:** Dynamic traffic delivery through the Comcast network with up to three different performance levels
- **VLAN Transparency:** VLAN configurations can be changed within your network without the need to coordinate with Comcast
- **Web-Based Reporting:** Connectivity statistics for the previous day or for the previous seven-day or 30-day period can be viewed through our secure Web portal

Call 1-866-511-6489 and press **option1** to speak with an Account Manager

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Ethernet Private Line

With customizable point-to-point configurations, you can meet the demands of bandwidth-intensive applications without disrupting your internal customers' needs.

Ethernet Private Line has many benefits for your business, including:

Security

Transfer data safely and securely over Comcast's own private network, where your traffic is masked with a unique customer ID.

Enables Demanding Applications

Meet the network infrastructure demands of bandwidth-intensive applications including storage area network (SAN) connections, mainframe mirroring, or disaster recovery applications.

Ease of Use

Connect your network systems or a remote site without the need to purchase or configure any protocol conversion equipment.

High Availability

Minimize interruptions and keep your business running smoothly. We monitor and support your network 24/7 through our Customer Management Center.

Optimized ROI

Reduce operating and maintenance costs with less equipment to support. We take care of implementing technology upgrades while you focus on your core business.

Minimized Risk

Deliver networking capabilities to your internal customers on-time and on-budget. We handle everything from network design to maintenance and support for a fixed price.

Advanced Private Line Features

- **Dedicated Connectivity:** Dedicated layer-2 capacity between your locations
- **Self-Healing Site Protection:** Optional path and equipment redundancy can be provided for added reliability
- **Flexible Configurations:** Bandwidth scalable up to 1 Gbps with multiple QoS options.

Call 1-866-511-6489 and press option 1 to speak with an Account Manager

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Your Account Manager will explain availability of Ethernet service for your specific business locations, as well as applications that can improve your data communications and productivity.

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Feel the need for speed?

Comcast Business Class Internet is faster. And faster Internet means increased productivity.

[View Internet Details](#)**Productivity included at no extra cost**

When you get Comcast Business Class Internet, you also receive Microsoft Communication Services.

[View Productivity Tools](#)

Fiber-Optic Network

The Nation's Leading Fiber-Optic Network from the Leading Cable TV, Internet, and Phone Service Company



"We have access to customer support 24/7."
Hear what customers are saying >

Our high-speed, high-capacity Internet service operates across our vast and constantly growing Hybrid Fiber-Coax network, with more than 145,000 miles of fiber. We currently serve 18 of the top markets, delivering a multi-tier broadband service with scalable solutions to fit your business.

More fiber

More coverage

More benefits



[Click Here for a Detailed Map](#)

- Over 145,000 route miles of national fiber
- The first and largest 40G backbone in the world
- The first to run a 100G router interface
- Facilities-based infrastructure
- Multi-terabit scaling capabilities
- IPv4 and v6 in production

Check Your Availability

CHECK

Enter your business phone number or check by address

*We respect your privacy - [learn more](#)***A quick comparison.**

See how much faster Comcast Business Class Internet handles large files.

SPEED DEMO

Tips and techniques

Find out how you can get the most from your Comcast Business Class Products with these helpful articles.



LEARN

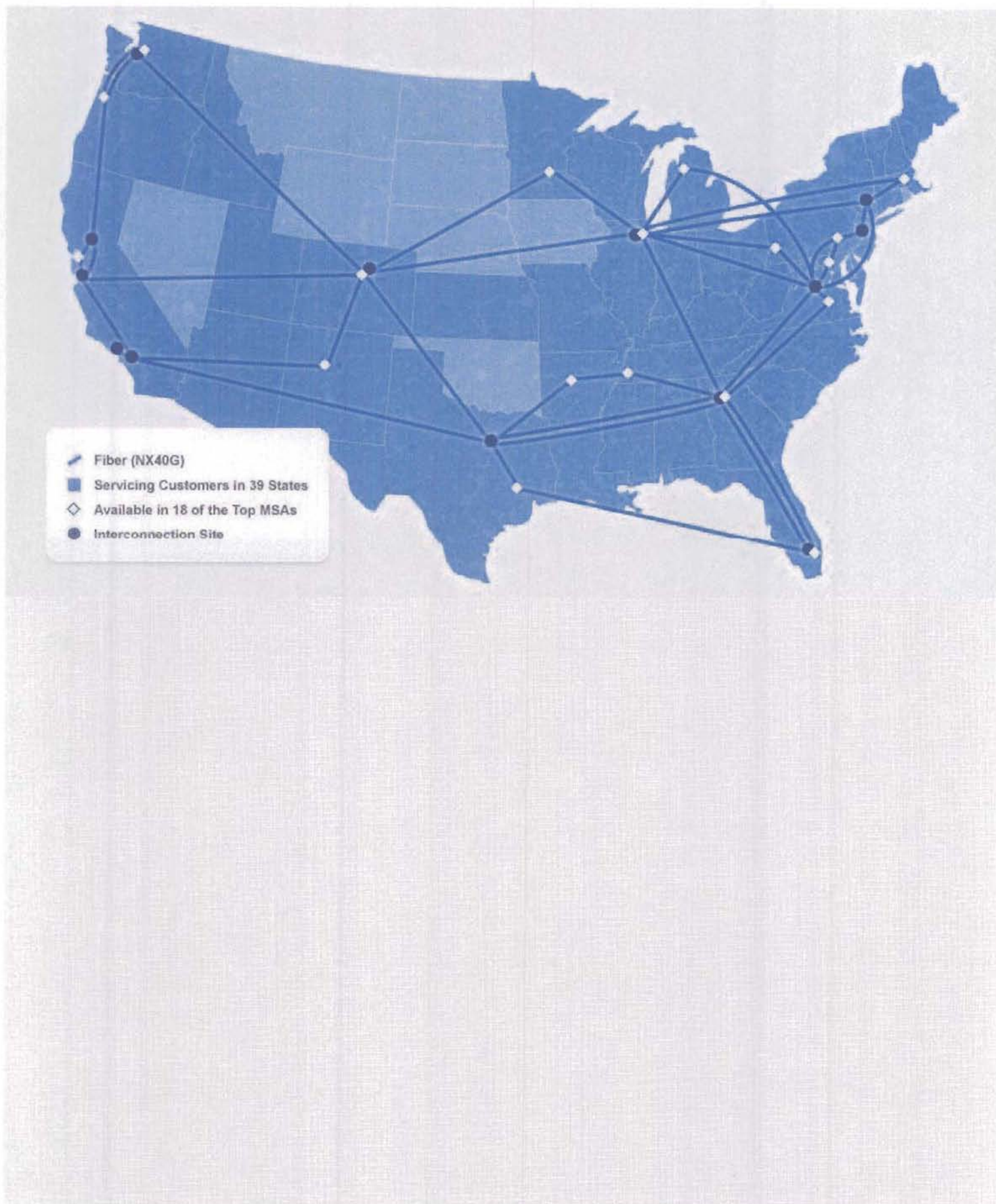
More talk, less money

Comcast Business Class Phone offers unlimited calling plans starting at \$39.95 per month (with Internet).

PHONE PLANS

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High-speed
Internet
including
wireless LAN

Cox Business Internet

A fast, reliable, cost-effective Internet solution

Why you should choose Cox Business Internet service

For a cost-effective, broadband data solution that's fast and reliable, look to award-winning Cox Business Internet.SM We offer a full range of bandwidths and prices to fit the specific needs of your business. Whether you're a small, growing business or a large, established enterprise, Cox Business Internet can help you communicate, research, download and transfer data with confidence and ease. We have proven expertise in a wide range of industries and specific applications. And we offer a host of business-grade features, from Anti-Spam/Anti-Virus protection and a choice of either Dynamic or Static IPs, to business-class e-mail and more. Plus, you can always bundle Cox Business Internet with Cox Digital Telephone[®] for even greater business efficiencies. So if you need to host a server, upload or download large files, connect remote offices and employees, or manage large amounts of business data, Cox Business has a scalable solution for you.

How your business benefits from Cox Business Internet service

Choose Cox Business Internet, and you'll experience the benefits of our recognized business Internet service, including:

- **More productivity.** When you access the Internet through our hybrid fiber coax (HFC) network, you'll receive more robust two-way speeds for faster downloads, connections and ultimately, more efficient and reliable communications for your business.
- **More reliability.** You're assured of consistent, reliable data service when you need it because we own and maintain our own nationwide IP network, and monitor it 24/7.
- **More access.** CoxMailSM web-based e-mail accounts give you access to important business communications from anywhere you have Internet access. And to help keep you protected, CoxMail comes with Cox Anti-Spam and Anti-Virus technology. We take care of all updates, so you'll always have the most advanced protection working for you.
- **More consistency.** Your Cox Business Internet connection is Always On, so you can avoid the hassles and expense of extra phone lines and dial-up service. And unlike DSL, you'll get more consistent service regardless of your proximity to our facilities.
- **More customization.** Choose the services and features that best fit your needs, from speed and IP addresses, to the quantity of IP blocks and e-mails. And with one call you can change your service at any time. Plus, in most markets our optional Wireless Transport solution can provide a secure, short-range aerial solution to areas not previously serviceable. And Wireless LAN service, giving your office a wireless gateway to enable all the robust features and functionality of our wired solution.*
- **More value.** Easy scalability means you're getting all the technology and speed you need at a competitive rate.
- **Added services.** Include web hosting, domain name registration, Virtual Private Networking (VPN) service, plus a vanity domain for your business-class e-mail.*
- **More convenience.** Bundle your Internet service with Cox Digital Telephone and enjoy more value, plus more convenience with one bill for all your services, and one local team of knowledgeable, friendly experts assisting you.
- **Local customer care team.** With our Cox Business Internet service you enjoy the added benefit of a local and experienced sales team and customer care, dedicated to supporting your business with skillful, knowledgeable and helpful service.

COX
Business[®]

Speeds Speeds to fit all your needs Download speeds up to 15.0Mbps and upload speeds up to 2.0Mbps Higher speeds also available	For details with speeds in your area visit: coxbusiness.com/products/data/businessinternet.html
Installation	On-site installation by professional technicians.
IP Addressing	1 Dynamic or Static IP provided with service. Up to 8 addresses available with the standard offering.
Blocks of IP Addresses¹	Available in blocks of 16, 32 and 64.
E-mail Accounts	10 CoxMail business-class addresses included (e.g., you@yourcompany.com); supports POP, web-based access, SSL, mail forwarding, and mailbox administrator.
E-mail Storage Space	1GB total storage space and up to a 15MB maximum message size included.
Anti-Spam and Anti-Virus	Available on all CoxMail accounts.
Mass Mailing Availability	Yes, registration required.
Domain Name Hosting	Hosting of 1 domain included.
Domain Name Registration	Available option.
Server Hosting	Ability to host your own web, e-mail, and ftp servers.
Web Hosting	Business-class web hosting packages available.
Managed VPN Service	Available option.
Managed Router Service	Available option.
Wireless LAN²	An integrated modem and wireless gateway with built-in firewall that provides small to medium businesses with a wireless solution inside their premises.
Optional Wireless Transport Solution³	A full-featured secure Cox Business Internet solution using wireless (microwave) technology where wired service is not feasible. Available in select markets on an individual-case basis.
Business-Class Support	Local, dedicated customer care, and 24/7 network monitoring provided.
Service Level Agreements (SLA)⁴	Our industry-leading SLA demonstrates our commitment to providing your business with the highest level of service and support or we compensate your business.
30-Day Satisfaction Guarantee⁵	Yes

¹Three IP addresses within each block have predetermined assignments. Therefore, there are only 13, 29 and 61 usable addresses in each block.

²Wireless LAN not available in all areas. Cox cannot guarantee uninterrupted or error-free Internet service. Actual speeds may vary since available bandwidth is shared between users and type of uses.

³Wireless Transport not available in all areas. If Cox is delivering services via wireless network facilities and there is signal interference with such service, Cox may terminate this Agreement if Cox cannot resolve the interference by using commercially reasonable efforts.

⁴For more information about the SLA please contact your local Cox Business representative.

⁵30-day Satisfaction Guarantee period begins from date of installation and entitles customer to a refund of installation fees, modem rental fees and the first month's service fees including taxes and fees. Refund excludes new service activations requiring construction or installation costs incurred by Cox in excess of \$300. Any Cox equipment rented or used by customer must be returned to Cox prior to any refunds or credits being issued.

*Services and features not available in all areas and package options vary by market. Home Office Preferred and Premier service available to home-based business locations only. Optional services may require additional service fees, equipment fees, and contract requirements. Rates and speeds vary by market. On-site service calls are typically limited to normal business hours. Equipment installed by Cox may vary and installation of networks, Ethernet cards or LAN wiring is not included. Dynamic IP address will be assigned unless a static IP is requested. Actual modem speeds vary. Number of users and network management needs may require Cox to modify upstream and/or downstream speeds. Cox cannot guarantee uninterrupted or error-free Internet service. Early termination liabilities apply. Other restrictions apply. ©2008 Cox Communications, Inc. All rights reserved.

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Cox Carrier Access Service

Advanced features for your business

Configurations Supported

- Channelized or full clear channel configurations available
- Multiplexing available at one or both ends
- DS-1s and DS-3s can be fanned out to multiple destinations

Customer Interfaces Available

Variety of hand-off interfaces available, including RJ45, BNC, RS232 and FC, SC and ST optical connectors

Cox DS-1 Customer End Loop

1.544 Mbps (DS-1) digital circuit Super Frame (SF) or Extended Super Frame (ESF) AMI or B8ZS line coding

Cox DS-3 Customer End Loop

44.736 Mbps digital circuit

Cox OC-3 Customer End Loop

155.62 Mbps optical circuit

Cox OC-12 Customer End Loop or Carrier Interconnection

622.08 Mbps optical circuit

Cox OC-48 Customer End Loop or Carrier Interconnection

2.488 Gbps optical circuit

Cox OC-192 Customer End Loop or Carrier Interconnection

9.952 Gbps optical circuit

[Minimize complete features list](#)

Let's get down to business

Know what you need?
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- ☒ Digital Phone & Voice Mail
- ☒ Cox Long Distance & Toll Free
- ☒ Business Internet
- ☒ Internet Wireless LAN
- ☒ Optical Internet

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